

CLAIMS

- 1.- An uncoverable vehicle including, at least, a windscreen (5), a sliding roof (2) and two front seats (3, 4), which vehicle also includes a wind deflector in the form of a panel (6, 6') fitted with a front rim (7) and
5 with a rear rim (8), which deflecting panel (6, 6') extends from the trailing edge of said windscreen (5), on the whole width thereof, characterised in that said deflecting panel (6, 6') is fitted, in its medial portion intended to be situated between both front seats (3, 4), with intrinsic means (12) laid out to deviate an air flux to the inside of the passenger space, in order to
10 oppose the formation of turbulent recirculations.
- 2.- An uncoverable vehicle according to claim 1, characterised in that the means enabling to deviate an air flux to the inside of the passenger space are formed of a type of scoop (12) arranged in the medial portion of the deflecting panel (6, 6').
- 15 3.- An uncoverable vehicle according to claim 2, characterised in that the means enabling to deviate an air flux to the inside of the passenger space are formed of a type of scoop (12) arranged in the rear medial portion of the deflecting panel (6).
- 4.- An uncoverable vehicle according to any of the claims 2 or 3,
20 characterised in that the means enabling to deviate an air flux to the inside of the passenger space are formed of a type of scoop (12) in the form of a tiltable flap (14) housed in a reservation (13) arranged in the deflecting panel (6).
- 5.- An uncoverable vehicle according to claim 4, characterised in
25 that the flap (14) is articulated at the rear rim (8) of the deflecting panel (6).
- 6.- An uncoverable vehicle according to any of the claims 4 or 5, characterised in that the leading edge (19) of the flap (14) lies substantially orthogonal to the face of the driver.
- 30 7.- An uncoverable vehicle according to any of the claims 4 to 6, characterised in that it includes a deflecting panel (6) fitted with

appropriate means enabling to adjust and to hold the articulation of the flap (14) forming a scoop (12) to maximise the flowrate of the deviated air flux.

8.- An uncoverable vehicle according to any of the claims 1 to 7,
5 characterised in that it includes a deflecting panel (6) of telescopic type, composed at least of two lateral strips (17) including means (10) for interconnection with the windscreens (5), and a transversal panel (16) associated with said lateral strips (17) by a rail-type arrangement (18), in order to vary at will the longitudinal position of the scoop (12).

10 9:- An uncoverable vehicle according to claim 2, characterised in that the means to deviate an air flux to the inside of the vehicle are composed of a type of scoop (12) in the form of a channel (24) arranged on a portion at least of the length of the deflecting panel (6') and whereof the axis (22) extends perpendicular to the front rim (7) of said panel (6').

15 10.- An uncoverable vehicle according to claim 9, characterised in that it includes a deflecting panel (6') fitted with a channel (24) which extends substantially on its whole length.

11.- An uncoverable vehicle according to claim 10, characterised in that it includes a deflecting panel (6') fitted with a channel (24) whereof
20 the inlet opening (25) lies at its front rim (7), arranged substantially perpendicular to its plane P, and whereof the outlet opening (26) lies at its rear end (8), arranged in the plane P of said panel (6') or slantwise between this plane P and the plane of the inlet opening (25).

12.- An uncoverable vehicle according to any of the claims 9 to
25 11, characterised in that it includes a deflecting panel (6') fitted with a channel (24) whereof the inlet opening (25) has a greater section than the section of the outlet opening (26).

13.- An uncoverable vehicle according to any of the claims 1 to
30 12, characterised in that it includes a deflecting panel (6) fitted with means (10) which enable the articulation of its front rim (7) on the trailing edge of the windscreens (5).

14.- An uncoverable vehicle according to any of the claims 1 to 12, characterised in that it includes a deflecting panel (6') fitted with means (20) for interconnection with the windscreen (5), of rigid attachment type, which attachments (20) correspond to the attachments 5 of the sliding roof (2) on said windscreen (5).

15.- An uncoverable vehicle according to any of the claims 1 to 12, characterised in that it includes means which enable the articulation of the rear rim (8) of the deflecting panel (6') on a loop (28) interconnected with the windscreen (5).

10 16.- An uncoverable vehicle according to claim 15, characterised in that it includes a deflecting panel (6') fitted with means which enable the automatic rising thereof failing any roofing structure (2), associated with a stop (32) for limiting the rising movement thereof.

15 17.- An uncoverable vehicle according to any of the claims 1 to 16, characterised in that the distance measured between the trailing edge of the windscreen (5) and the rear rim of the deflecting panel (6, 6') ranges between 200 and 350 mm, according to its aerodynamics and in particular that of its windscreen (5).

20 18.- A wind deflector for an uncoverable vehicle according to any of the claims 1 to 17, composed of a deflecting panel (6, 6') intended for extending on the whole width of the windscreen (5), which deflecting panel (6, 6') is fitted with intrinsic means (12) enabling to deviate an air flux to the inside of the passenger space, in order to oppose the formation of turbulent recirculations.